

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2004/10/04 17:25
S2	17	"4536844".URPN.	USPAT	OR	OFF	2004/10/04 17:39
S3	2	(("5473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 09:54
S4	2	(("4473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:51
S5	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2003/10/09 09:56
S6	1	("4471196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:54
S7	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 13:06
S8	3	digital near2 cochle\$2 near2 model	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:17
S9	0	(audio near2 process\$3) same (sequen\$2 near2 digital near2 filte\$2)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:08
S10	5	(cochle\$2 near2 model) near5 digital	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S11	3	lyon.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:33
S12	0	"interval research corporation".AS. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:13
S13	91	"interval research corporation".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S14	0	watts.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S15	36	cochle\$2 near2 model	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:30
S16	0	(filter near2 bank near2 cascade) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:05
S17	24	(filter near2 bank) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:46
S18	12	"5331222".URPN.	USPAT	OR	OFF	2003/10/06 13:35
S19	5	cochlear near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:43
S20	84	(filter near2 bank) same (select\$2 near2 frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:00
S21	6	("3671889"   "3855556"   "4763089"   "4970479"   "5428814"   "5515017").PN.	USPAT	OR	OFF	2003/10/06 13:52
S22	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:52

S23	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:53
S24	0	(filter near2 bank near2 cascade) same octave\$1	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:19
S25	0	cochlear near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S26	40	cochlear near5 model\$3	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:33
S27	5	cochlea\$1 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S28	0	cochlea\$1 near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S29	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2003/10/08 12:26
S30	1	"5502663".URPN.	USPAT	OR	OFF	2003/10/08 12:26
S31	8	("4146931"   "4185325"   "4337518"   "4356559"   "4803647"   "5031132"   "5170369"   "5315621").PN.	USPAT	OR	OFF	2003/10/08 12:26
S32	1	lyon.in. and (filter same cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:47
S33	0	(audio near2 process\$3) same (filter near2 bank) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S34	2	(audio near2 process\$3) same (filter near2 bank) same ear	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S35	36	(audio near2 process\$3) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:50
S36	2	(cochlear near3 implant) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:00
S37	0	(cochlear near3 implant) same (filter near3 cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:02
S38	331	cochlear near3 implant	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:29
S39	10	("5411467"   "5498226"   "5772575"   "5906635"   "5913815"   "6216040"   "6259951"   "6272382"   "6275596"   "6308101").PN.	USPAT	OR	OFF	2003/10/08 13:04
S40	0	(filter near2 configur\$2 near3 process\$3) same (more near2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:31
S41	15	(filter near2 configur\$2 near3 process\$3) same (frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:32
S42	5	(filter near2 configur\$2 near3 process\$3) near3 (frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:56
S43	3247	frequen\$2 near2 select\$3 near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:57

S44	35	(frequen\$2 near2 select\$3 near3 filter\$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:07
S45	15	(tuna\$3 near3 filter\$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:07
S46	4	audito\$2 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S47	0	filte\$1 near2 shar\$3 near3 coeficien\$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:08
S48	20	filte\$1 near2 shar\$3 near3 coefficien\$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:08
S49	57	filte\$1 same (coefficie\$4 near2 shar\$3)	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:09
S50	4	("4967388"   "5081604"   "5262974"   "6282184").PN.	USPAT	OR	OFF	2003/10/08 16:11
S51	2	("4038536"   "5018202").PN.	USPAT	OR	OFF	2003/10/08 16:16
S52	72	(computer near2 program) same (process\$3 near2 audio)	USPAT; EPO; JPO	OR	OFF	2003/10/09 10:50
S53	0	(computer near2 program) same (process\$3 near2 audio) same (digital near2 filter\$1)	USPAT; EPO; JPO	OR	OFF	2003/10/09 09:38
S54	150	(381/320).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S55	609	(381/312).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:17
S56	353	(381/61).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:18
S57	2	("5502663") or ("5983139")).PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S58	2	("6222930") or ("5604809")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 10:51
S59	2	("5983139") or ("5502663")).PN.	USPAT; USOCR	OR	OFF	2004/02/04 12:35
S60	10	filter\$1 same (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2) near3 (interv\$3 or perio\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S61	308	filter\$1 near3 (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S62	0	filter\$1 near3 process\$3 near3 (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44

S63	28	filter\$1 near3 process\$3 same (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:11
S64	503	filter\$1 near3 octav\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:12
S65	42	filter\$1 near3 (frequenc\$3 near2 octav\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:34
S66	147	(700/94).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 12:34
S67	71	(607/56).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 13:58
S68	1	"vulcan ventures".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:38
S69	0	"applied neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S70	0	"Applied Neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S71	0	"interval research corporation".AS. and cochlear	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S72	1	"5983139".URPN.	USPAT	OR	OFF	2004/02/04 12:46
S73	8	("5012245"   "5027306"   "5323157"   "5357252"   "5408235"   "5549658"   "5601617"   "5626629").PN.	USPAT	OR	OFF	2004/02/04 12:47
S74	4	("704"/\$).ccls. and programm\$5 near2 (subband or sub-band)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S75	8	("5012245"   "5027306"   "5323157"   "5357252"   "5408235"   "5549658"   "5601617"   "5626629").PN.	USPAT	OR	OFF	2004/02/04 14:06
S76	22	"5601617".URPN.	USPAT	OR	OFF	2004/02/04 14:08
S77	2	("704"/\$).ccls. and (subband or sub-band) same filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:23
S78	105	("704"/\$).ccls. and filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:19
S79	63	(filter adj2 bank\$1) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:32
S80	25	(filter adj2 bank\$1) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:39
S81	12	"5331222".URPN.	USPAT	OR	OFF	2004/02/04 14:32
S82	1	cochlear near3 (model\$3 or implant) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34
S83	373	cochlear near3 (model\$3 or implant)	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34

S84	29	cochlear near3 (model\$3 or implant) same filt\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:57
S85	2	"6182103".URPN.	USPAT	OR	OFF	2004/02/04 14:35
S86	2	("5227991"   "5731769").PN.	USPAT	OR	OFF	2004/02/04 14:35
S87	97	digita\$1 adj2 filt\$2 adj2 cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:40
S88	1	"6161118".URPN.	USPAT	OR	OFF	2004/02/04 14:48
S89	8	("4872129"   "4983966"   "5043933"   "5592517"   "5689449"   "5732002"   "5880973"   "5956494").PN.	USPAT	OR	OFF	2004/02/04 14:49
S90	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2004/02/04 14:57
S91	1	"5502663".URPN.	USPAT	OR	OFF	2004/02/04 14:57
S92	8	("4146931"   "4185325"   "4337518"   "4356559"   "4803647"   "5031132"   "5170369"   "5315621").PN.	USPAT	OR	OFF	2004/02/04 14:57
S93	113	lyon.in. and (filter)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:04
S94	4	lyon.in. and (filter) same cochle\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:07
S95	4	"5355329".URPN.	USPAT	OR	OFF	2004/02/04 15:07
S96	5	lyon.in. and cochle\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:16
S97	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2004/02/04 15:17
S98	9	"4771196".URPN.	USPAT	OR	OFF	2004/02/04 15:17
S99	22	("704"/\$).ccls. and (filter adj2 bank) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S100	7	"5615302".URPN.	USPAT	OR	OFF	2004/02/04 15:22
S101	64	("704"/\$).ccls. and (filter adj2 casca\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:23
S102	7	"5383145".URPN.	USPAT	OR	OFF	2004/02/04 15:36
S103	3	("4893264"   "5081604"   "5252932").PN.	USPAT	OR	OFF	2004/02/04 15:36
S104	66	(filter adj2 bank\$1) same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S105	378	(filter adj2 bank\$1) same bandpass	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S106	15	(filter adj2 bank\$1) same bandpass same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08

S10 7	39	("3234544"   "3298019"   "3582947"   "3678507"   "3750142"   "4210903"   "4243974"   "4366349"   "4390756"   "4393275"   "4425481"   "4441202"   "4536844"   "4545065"   "4548082"   "4590459"   "4596902"   "4685042"   "4689819"   "4701958"   "4739511"   "4792977"   "4829270"   "4868880"   "5027306"   "5099856"   "5103230"   "5126743"   "5233665"   "5241310"   "5247581"   "5276739"   "5303346"   "5317640"   "5387875"   "5448644"   "5495242"   "5500902"   "5553152").PN.	USPAT	OR	OFF	2004/02/04 16:10
S10 8	0	programm\$5 near2 (subband or sub-band) near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S10 9	6	programm\$5 near5 (subband or sub-band) near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S11 0	45	("704"/\$).ccls. and (sampli\$2 near2 rate) near3 lowe\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:25
S11 1	43	cascad\$2 near2 (filter adj2 bank\$1)	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:33
S11 2	697	("704"/\$).ccls. and filter adj2 bank	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:42
S11 3	1	("5331222").PN.	USPAT; USOCR	OR	OFF	2004/02/04 16:51
S11 4	0	("cochlear\$1 same bandpass same ca scade").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 16:51
S11 5	1	cochlear\$1 same bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:02
S11 6	5	cochlear\$1 same bandpass same parall\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 7	1	cochlear\$1 same bandpass same cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 8	0	cochlear\$1 same BPF same cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 9	169	bandpass near3 cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S12 0	6	("704"/\$).ccls. and bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:35

S12 1	21	(filter near3 sampl\$3 near2 first) same (second near3 frequen\$2 near3 sampli\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:47
S12 2	16	(time adj2 vary\$3 adj2 filter) same (sampli\$2 adj2 rat\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:52
S12 3	705	(time) adj2 (vary\$3 or invari\$3) near3 filt\$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:18
S12 4	23	(time) adj2 (vary\$3 or invari\$3) near3 filt\$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:38
S12 5	24	(time) adj2 (vary\$3 or vari\$3) near3 filt\$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 6	19	(filter adj2 coeffici\$6) near2 represent\$2 near3 bi\$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 7	2	("4536844") or ("6137349").PN.	USPAT; USOCR	OR	OFF	2004/05/05 09:18
S12 8	2	(digital near2 filte\$2) same octav\$2 same downsamp\$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:58
S12 9	7	(filte\$2) same octav\$2 same downsampl\$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:04
S13 0	3	(filte\$2) same (octav\$2 near2 group)	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 1	3	(filte\$2) same (octav\$2 near2 group)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 2	0	("704.200.1").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 3	176	(704/200.1).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 4	2	(704/200.1).ccls. and masking same octav\$2	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:59
S13 5	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:03
S13 6	38	cochlea\$1 and (filter near2 ban\$2) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 7	6	cochlear and (filter near2 banks) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 8	6	cochlear and (filter near2 banks) and octave	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 9	6	(cochlear and (filter near2 banks)) and octave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:44

S14 0	9	(("20030169891") or ("20020116196") or ("20020057808") or ("6289247") or ("6219580") or ("6070140") or ("5737719") or ("4858612") or ("4532930")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/05/05 11:19
S14 1	8	("20030169891" "20020116196" "20020057808" "6289247" "6219580" "6070140" "5737719" "4858612" "4532930") and cochlea\$1 and (filter near2 bank) and octave	US-PGPUB; USPAT	OR	OFF	2004/05/05 11:20
S14 2	0	(filter near2 banks) and octave same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S14 3	0	(filter near2 banks) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S14 4	3	(filter near2 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:31
S14 5	3	(filter near3 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:33
S14 6	10	(filter near3 bank) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S14 7	225	(absolute near2 value) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S14 8	49	(absolute near2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S14 9	2	(absolute adj2 value) near3 (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45

S15 0	49	(absolute adj2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45
S15 1	0	cochlear and (filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S15 2	0	cochle\$2 and (filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S15 3	2	(filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:47
S15 4	70	(filt\$3) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/27 13:02
S15 5	11	"4934770".URPN.	USPAT	OR	OFF	2004/05/25 15:53
S15 6	15	("3927279"   "4099035"   "4119814"   "4354064"   "4366349"   "4405831"   "4409435"   "4415866"   "4484345"   "4490691"   "4508940"   "4517415"   "4535471"   "4596902"   "4630305").PN.	USPAT	OR	OFF	2004/05/25 15:54
S15 7	1	("4792977").PN.	USPAT; USOCR	OR	OFF	2004/10/04 17:25
S15 8	25	"4792977".URPN.	USPAT	OR	OFF	2004/10/04 17:24
S15 9	10	"4340854".URPN.	USPAT	OR	OFF	2004/09/10 10:50
S16 0	1	("5027410").PN.	USPAT; USOCR	OR	OFF	2004/09/10 12:04